

Title (en)

System and method for route optimization in a wireless internet protocol network

Title (de)

System und Verfahren zur Optimierung eines Leitweges in einem drahtlosen Netzwerkprotokoll für Internet

Title (fr)

Système et procédé pour l'optimisation du routage dans un protocole de réseau pour l'accès sans fil à Internet

Publication

**EP 1030491 B1 20050727 (EN)**

Application

**EP 00300510 A 20000124**

Priority

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- US 36994499 A 19990806

Abstract (en)

[origin: EP1030491A2] A system and method for route optimization in a wireless Internet Protocol (IP) network. The system and method send, to a home agent, a data packet; transmit, to a mobile node, the data packet using a first address; maintain a list of correspondent nodes associated with the mobile node; send, to the correspondent node, a binding update message; and transmit, directly to the mobile node, subsequent data packets using the first address. The system and method additionally: transmit, to a home agent, a registration request comprising a new address; transmit, to a mobile node, a registration reply in response to the registration request; compare the new address to an old address; if the new address and the old address are not equal, transmit, to the correspondent node, a binding update message; transmit, to the home agent, a binding acknowledgment in response to the binding update message; and transmit, to the mobile node, all subsequent messages via the new address. <IMAGE>

IPC 1-7

**H04L 29/06**

IPC 8 full level

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CPC (source: EP US)

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Cited by

KR100469718B1; US6578085B1; EP1284552A3; CN102474712A; CN100463480C; CN100426790C; SG108302A1; GB2367980A; GB2367980B; EP1513298A1; GB2405769B; US7623499B2; US9107048B2; US7342932B2; US7289463B2; GB2378359A; GB2378359B; EP1598992A1; EP1370032A4; WO2008014711A1; WO2011001365A1; WO2004039029A1; US7366145B2; US8432924B2; US7403515B2; US7376128B2; US7339928B2; KR100455136B1; WO2008101439A1; WO2004043039A1

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